

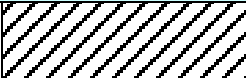



	A	B	C	D	E	F	G	H
1	Maine P-Index, Version 1, 2012 (last revised 11/07/2012)							
2								
3	This P Index is to be used on all fields where Phosphorus application will exceed soils test recommendations.							
4								
5	FARM IDENTIFICATION					Field ID ->		
6						Enter Modified Morgan Soil Test P in pounds/acre ----->		0
7								0
8								
9								
10	PART A: SOURCE FACTORS							
11	Modified Morgan Soil Test P Factor (ppm P X 1.25)						0	0
12	FERTILIZER P RATE	Planned Application Fertilizer P (lb P ₂ O ₅ /acre)					0	0
13	FERTILIZER APPLICATION METHOD	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil	1	1
14	Fertilizer Rating = Fertilizer Rate x Fertilizer Application Method						0	0
15	MANURE P RATE	Planned Application Manure P (lb P ₂ O ₅ /acre)					0	0
16	MANURE APPLICATION METHOD	0.2 Placed or injected 2" or more deep	0.4 Incorporated <1 week following application	0.6 Incorporated > 1 week or not incorporated following application in April - October	0.8 Incorporated >1 week or not incorporated following application in Nov. - March	1.0 Surface applied to frozen or snow covered soil	1	1
17	P SOURCE COEFFICIENT	Input <u>Measured</u> PSC or use 0.8 for Manures or 0.4 for Biosolids.					0.8	0.8
18	Manure Rating = Manure Rate x Manure Application Method x P Source Coefficient						0	0
19	Source Factor Sum >						0	0
20								
21	PART B: TRANSPORT FACTORS					Field ID ->		
22	EROSION (RUSLE2)	Soil Loss (ton/acre/yr)					0	0
23	RUNOFF POTENTIAL	0 <i>Drainage Class is</i> Excessively	2 <i>Drainage Class is</i> Somewhat Excessively	4 <i>Drainage Class is</i> Well/Moderately Well	6 <i>Drainage Class is</i> Somewhat Poorly	8 <i>Drainage Class is</i> Poorly/Very Poorly	8	8
24	SUBSURFACE DRAINAGE	0 None or No direct outlet to receiving water		1 Random Drainage - Outlets directly to receiving water		2* Patterned drainage - Outlets directly to receiving water	0	0
25	DISTANCE to CONCENTRATED FLOW (streams, ditches, diversions)	0 > 500 ft.	2 350 to 500 ft.	4 200 to 349 ft.	6 100 to 199 ft. OR < 100 ft. with 35 ft. buffer	9 < 100 ft.	9	9
26	Transport Sum = Erosion + Runoff Potential + Subsurface Drainage + Flow Distance						17	17
27	CONSERVATION PRACTICES CREDIT OR PENALTY	0.85 for DIST < 100 ft. with minimum 35 ft. veg. buffer		1.0 Default		1.1 for DIST > 100 ft. but with direct connection to water (pipe or ditch)	1.0	1.0
28	* OR rapidly permeable soil near a stream				Transport Sum x Conservation Credit / 24 >		0.71	0.71
29								
30	P Index Value = 2 x Source x Transport >						0	0
31	MANAGEMENT GUIDANCE							
32	P Index Rating: Values	Nutrient Application Guidance						
33	Low: 50 or less	Nitrogen based management						
34	Moderate: 51 to 75	P limited to soil test recommendation or crop removal						
35	High: 76 to 99	Crop removal P with drawdown plan and mitigation						
36	Very High: 100 +	No Phosphorus applied						